

## Claims

1. Use of nerve growth factor (NGF) for the production of an ophthalmic preparation to be administered onto the ocular surface for therapy and/or prophylaxis of intraocular tissue pathologies.

2. Use according to claim 1, wherein said ophthalmic preparation is in form of solution or suspension, ointment, gel or liniment in combination with a pharmaceutically acceptable ophthalmic carrier or in form of ocular erodible insert or polymeric membrane "reservoir" system to be located in the conjunctiva sac or is added to a local bandage together with a therapeutic contact lens.

3. Use according to claims 1 or 2, wherein said ophthalmic preparation is suitable for therapy and/or prophylaxis of sclera, ciliary body, crystalline lens, retina, optic nerve, vitreous body and choroidea pathologies.

4. Use according to claim 3, wherein said pathologies have trophic, post-traumatic, infective, post-surgical, autoimmune, dystrophic, degenerative, post-inflammatory and laser treatment origin.

5. Use according to anyone of claims 1-4, wherein said ophthalmic preparation contains from 1 to 1000 µg/ml of NGF.

6. Use according to claim 5, wherein said ophthalmic preparation is in the form of collyrium and contains from 10 to 500 µg/ml of NGF.

7. Use according to claim 6, wherein said collyrium contains from 200-250 µg/ml of NGF.

8. Use according to anyone of claims 1-7, wherein NGF in said preparation is in association with one or

more of other active principles and/or is conjugated with a carrier molecule.

9. Use according to anyone of preceding claims wherein said NGF is of murine or human origin or it is 5 human recombinant NGF.

10. Use of nerve growth factor (NGF) for the production of an ophthalmic preparation for therapy and/or prophylaxis of intraocular tissue pathologies, except retina and optic nerve pathologies.

11. Use according to claims 10, wherein said ophthalmic preparation is suitable for therapy and/or prophylaxis of sclera, ciliary body, crystalline lens, vitreous body and choroidea pathologies.

12. Use according to claim 11, wherein said pathologies have trophic, post-traumatic, infective, post-surgical, autoimmune, dystrophic, degenerative, post-inflammatory and laser treatment origin.

13. Use according to anyone of claims 1-4, wherein said ophthalmic preparation contains from 1 to 1000 µg/ml of NGF.

14. Use of nerve growth factor in therapy for intraocular tissue pathologies according to anyone of claims 1-13, substantially as above described.

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